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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peter Seibel et al.

Serial No.: UNASSIGNED

Group Art Unit: UNASSIGNED

Filed: HEREWITH

Examiner: UNASSIGNED

For: Chimerical Peptide-Nucleic Acid
Fragment, Process for Producing
the Same and Its Use For
Appropriately Introducing Nucleic
Acids Into Cell Organelles and
Cells

Attorney Docket No.:
8484-018-999

8/a
D.G.S.
9/16/99

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with Rule 115 of the Rules of Practice, 37 C.F.R. § 1.115, please
consider and enter the following amendments and remarks.

IN THE CLAIMS:

1. A chimerical peptide-nucleic acid fragment comprising:
- (a) a cell-specific, compartment-specific or membrane-specific signal peptide,
with the exception of a KDEL signal sequence,
 - (b) a linkage agent,
 - (c) a nucleic acid (oligonucleotide),
- the signal peptide being linked via the linkage agent which via amino acids at the
carboxy-terminal end of the signal peptide is linked therewith so as to ensure the
appropriate nucleic acid introduction into cell organelles and cells.